

**POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI**

Date of Reporting: **25-Apr-15**
System Reliability Indices Report for: **24-Apr-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	21	5.25	21.88
2	ER-NR	0	0.00	0.00
3	NEW-SR	0	0.00	0.00
4	ER-NER	0	0.00	0.00

Percentage(%) of times (N-1) Criteria was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	3	0.75	3.13
2	ER-NR	0	0.00	0.00
3	NEW-SR	0	0.00	0.00
4	ER-NER	0	0.00	0.00

Remarks: Flows crossing Total Transfer Capability (TTC) on interregional corridors has been worked out as a proxy for (N-1) violation.

Voltage Profile for the day of 24-Apr-2015

Region	Station	%age of time Voltage below 728/380 kV	%age of time Voltage between 728/380 kV & 800/420 kV	%age of time Voltage above 800/420 kV	Voltage deviation index (%age of time voltage is outside IEGC band)	Maximum Voltage (kV)	Minimum Voltage (kV)	Average Voltage (kV)
NR	Agra	0.00%	100.00%	0.00%	0.00%	792	755	771
	Ballia	0.00%	100.00%	0.00%	0.00%	779	751	765
	Bhiwani	0.00%	99.51%	0.49%	0.49%	800	767	785
	Fatehpur	0.00%	100.00%	0.00%	0.00%	776	746	760
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	786	733	759
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	778	752	761
	Gwalior	0.00%	100.00%	0.00%	0.00%	789	756	769
	Sholapur	0.00%	84.58%	14.51%	14.51%	812	761	788
SR	Raichur	0.00%	93.13%	0.00%	0.00%	800	771	789
	Nellore PS	0.00%	94.72%	0.00%	0.00%	800	780	790
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	414	385	400
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	416	393	403
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	775	756	767
	Gaya	0.00%	100.00%	0.00%	0.00%	777	754	768
	Sasaram	0.00%	100.00%	0.00%	0.00%	794	747	767
	Binaguri (400 kV)	0.00%	97.29%	2.71%	2.71%	420	406	416
NER	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	417	394	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	416	389	408
	Misa (400 kV)	0.00%	61.67%	28.19%	28.19%	426	402	417

Remarks: Unless otherwise specified, station may be treated as 765kV S/S.